ATTORNEY DOCKET NO.: 46884-5428

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Confirmation No.: 4124
Katsumi SHIBAYAMA)	Group Art Unit: 2814
Application No.: 10/550,688)	Examiner: Long Pham
Filed: July 14, 2006)	Allowed: April 8, 2008
For: PHOTODIODE ARRAY AND PRODUCTION METHOD THEREOF, AND RADIATION DETECTOR))))	
MAIL STOP ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		

REQUEST FOR ACKNOWLEDGEMENT OF PTO-1449

No initialed copies have been received of the enclosed Form PTO-1449, filed on May 7, 2007, March 5, 2007, and July 14, 2006, as shown by the attached copies of our PTO postcard receipts.

Please send an initialized copy evidencing consideration of all listed documents, preferably by facsimile, and if any citation is lined through, please be sure to explain why per MPEP 609.

Thank you.

Sir:

Respectfully submitted,

DRINKER BIDDLE & REATH LLP

Peter J. Sistare Reg. No. 48,183

Dated: April 25, 2008

CUSTOMER NO. 055694 DRINKER, BIDDLE & REATH LLP

1500 K Street, N.W., Suite 1100 Washington, D.C. 20005-1209

Tel: (202) 842-8800 Fax: (202)-204-0289

DinkerBiddle&Reali



Suite 1100 1500 K Street, N.W. Washington, DC 20005-1209 202-842-8800 Phone 202-842-8465/66 Fax

The official date stamp of the United States Patent and Trademark Office hereon is acknowledgment of the receipt of:

I.	Application	III.	Post Issuance
	A. New Application Provisional Utility		A Maintenance Fee B. Request for Correction of Letters Patent
	Design Plant	IV.	Recordation
	B. Continuation/Divisional/Co		A. Assignment Agreement (Number of Patents Covered:)
	\$ 1.53 (f) – fee not inc. C. Specification: Sheet(B. Security Interest Agreement (Number of Patents Covered:)
	D Claim(s) E Drawing(s)	s)	C. Change of Name, Merger or Other Transfer Document (Number of Patents Covered:
	Formal Informal		D. PTO Recordation Form Cover Sheet
	☐ F. Small Entity☐ G. Combined Declaration & P	ower of Attorney VI.	<u>Payment</u>
II.	Prosecution Documents		Check No for \$ Deposit Account No for \$
	A. Amendment Transmittal B. Amendment	VII.	Other
	 □ C. Notice of Appeal □ D. Exhibit A ⋈ E. Information Disclosure Stat ⋈ PTO Form 1449, with documents attached 		 □ A. Terminal Disclaimer □ B. Statement under 37 CFR § 3.73(b) □ C. Change of Correspondence Address □ D. Submission of Revocation of Original Power
	European Search Repo April 2, 2007	rt dated	of Attorney and Grant of New Power of Attorney
	F. Issue Fee Form PTOL-85 Request for Soft	Copies	E. Appointment of Pomestic Representative MAY 0 7 2007
Date:	May 7	, 2007	
Attor		I-5428	TA DEMINISTRATION OF THE PARTY
Matte	er No.: 21621	5	
Title: PHOTODIODE ARRAY AND		ODIODE ARRAY AND PROD	UCTION METHOD THEREOF, AND RADIATION DETECTOR
Inventor(s): Katsumi SHIBAYAMA			
Appli	cation/Patent. No. 10/55	0,688	
Attor	ney: Paul /	A. Fournier	
Secre	tary: Karen	ı Ashton	



PATENT

ATTORNEY DOCKET: 46884-5428

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Katsumi SHIBAYAMA) Confirmation No.: 4124
Application No.: 10/550,688) Group Art Unit: 2814
Filed: July 14, 2006) Examiner: Long Pham
For: PHOTODIODE ARRAY AND PRODUCTION METHOD THEREOF, AND RADIATION DETECTOR))
Cammissioner for Datente	

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window, Mail Stop Amendment
Alexandria, VA 22314

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicant does not believe that a fee is due for filing this paper.

A European Search Report dated April 2, 2007 that issued in a European patent application and having documents cited therein is attached for the Examiner's consideration. Cited documents are listed on the attached PTO Form 1449 and are also attached hereto.

While the European Search Report dated April 2, 2007 additionally cites to JP 2003-86827, JP 2003-86826, JP 5-121711, and JP 11-297975, these documents are not listed on the

attached PTO Form 1449 because they were previously cited in an Information Disclosure Statement in this application on July 14, 2006.

The relevance of the attached foreign language document can be understood from the attached English-language abstract, and/or from the citation of this document in the attached European Search Report dated April 2, 2007. Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form 1449.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over any of the listed documents, should any of the documents be applied against the claims of the present application.

EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573.

ATTORNEY DOCKET NO.: 46884-5428

Application No.: 10/550,688

Page 3

This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENIONS OF

TIME in accordance with 37 C.F.R. § 1.13(a)(3).

Respectfully submitted,

DRINKER, BIDDLE & REATH LLP

Dated: May 7, 2007

By:

Paul A. Fournier Registration No. 41,023

Customer No. 055694 DRINKER, BIDDLE & REATH LLP

1500 K Street, N.W. Suite 1100 Washington, D.C. 20005-1209

Tel: (202) 842-8800 Fax: (202) 842-8465

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)
Page 1 of 1
PTO Form 1449

Attorney Docket No. 46884-5428	Application No.: 10/550,688
Applicant(s): Katsumi SHIBAYAMA	
Filing Date: July 14, 2006	Group Art Unit: 2814

U.S. PATENT DOCUMENTS

*Examiner Initial	S. Charles and Co.	Document Number	Date	Name	Class	Sub Class	Filing Date
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		FOREIGN PATEN	F DOCUMENTS			140	
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	57-42175	March 9, 1982	Japan		0.550	Abstract	
	1 548 836	June 29, 2005	Europe				
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Suite 1100 1500 K Street, N.W. Washington, DC 20005-1209 202-842-8800 Phone 202-842-8465/66 Fax

The official date stamp of the United States Patent and Trademark Office hereon is acknowledgment of the receipt of:

I.	Application		III.	Post Issuance
	A. Application Transi	mittal		☐ A Maintenance Fee☐ B. Request for Correction of Letters Patent
	☐ Utility☐ Design☐ Plant		IV.	Recordation
	B. Continuation/Divisin-Part \$\int\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	sional/Continuation-	,	A. Assignment Agreement (Number of Patents Covered:) B. Security Interest Agreement (Number of
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	D Total Claim E Sheets of D			Patents Covered:) D. PTO Recordation Form Cover Sheet
	Formal Informal (contact) F. Small Entity G. Combined Declara Attorney	aining Figures)	VI.	Payment Check No for \$ for IDS Fee Fee Transmittal PTO/SB/17 Deposit Account No for \$
n.	Prosecution Documents		VII.	Other
	A. Notice of Appeal B. Preliminary Amend C. Claim to Priority & Document(s)		·	A. Transmittal Letter (pages) B. Power of Attorney C. Appointment of Domestic Representative
	D. Information Disclo PTO Form 144 One (1) Non-U	9 – One (1) page		D. Change of Correspondent's Address
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Date:	•	March 5, 2007		
Clien	•	46884		
	ney Docket No./File No.:	46884-5428		
	er No.:	216215		
Title:			oductio	on Method Thereof, and Radiation Detector
	tor(s):	Katsumi SHIBAYAMA		· · · · · · · · · · · · · · · · · · ·
	cation/Patent No.	10/550,688		
Attor	•	John G. Smith		
	rmation No.	4124		
Secre	tary:	Carolyn H. Merica		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	
Katsumi SHIBAYAMA)	Examiner: Unassigned
Application No.: 10/550,688	Group Art Unit: 2811
Filed: September 26, 2005	Confirmation No.: 4124
Title: PHOTODIODE ARRAY AND) PRODUCTION METHOD THEREOF, AND) RADIATION DETECTOR)	
Commissioner of Patents U.S. Patent and Trademark Office Customer Window Alexandria, VA 22314	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the document listed on the attached PTO Form 1449. To the best of the undersigned's knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Accordingly, Applicant does not believe that a fee is due for filing this paper.

A Japanese Office Action dated December 19, 2006 that issued in a Japanese patent application and having a document cited therein is attached for the Examiner's consideration.

The cited document is listed on the attached PTO Form 1449 and a copy of the cited document is also attached hereto.

The relevance of the attached foreign language document can be understood from the attached English-language abstract also enclosed. Applicant respectfully requests that the

Attorney Docket No.: 46884-5428

Application No.: 10/550,688

Page 2

Examiner consider the listed document and evidence that consideration by making appropriate.

notations on the attached form.

This submission does not represent that a search has been made or that no better art exists

and does not constitute an admission that the listed documents are material or constitute "prior

art." If it should be determined that any of the listed documents do not constitute "prior art"

under United States law, Applicant reserves the right to present to the Office the relevant facts

and law regarding the appropriate status of such document.

Applicant further reserves the right to take appropriate action to establish the patentability

of the disclosed invention over any of the listed documents, should any of the documents be

applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby

authorized by this paper to charge any additional fees during the entire pendency of this

Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and

including any required extension of time fees, or credit any overpayment to Deposit Account No.

50-0573. This paragraph is intended to be a **CONSTRUCTIVE PETITION FOR**

EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

DRINKER BIDDLE & REATH LLP

John G. Smith, Reg. No. 33,818

Dated: March 5, 2007

CUSTOMER NO. 055694

DRINKER, BIDDLE & REATH LLP

1500 K Street, N.W., Suite 1100

Washington, D.C. 20005-1209

Tel: (202) 842-8800 Fax: (202) 204-0289

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not in confor	mance and not considered. In	nclude copy of thi	s form with nex	ct commu	nication to	applicant.	-		

DrinkerBiddle & Factor Representation A Pennsylvania Limited Liability Partnership Suite 1100 1500 K Street, N.W. Washington, DC 20005-1209 202-842-8800 Phone 202-842-8465/66 Fax

The official date stamp of the United States Patent and Trademark Office hereon is acknowledgment of the receipt of:

I.	Application		m.	Post Issuance
	A. Application Transi	nittal	****	A. Maintenance Fee
	Provisional			B. Request for Correction of Letters Patent
	Utility			-
	☐ Design ☐ Plant		IV.	Recordation
	B. Continuation/Divis	sional/Continuation-		A. Assignment
	In-Part			B. Security Interest Agreement (Number of Patents Covered:)
	☐ § 1.53(b)			C. Change of Name, Merger or Other
	§ 1.53 (f) – fee			Transfer Document (Number of
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11.	Prosecution Documents			A. Response to Notification to File Missing
	☑ A. Notice of Appeal☑ B. Preliminary Amend	Iment		Requirements B. Copy of Notification to File Missing
	C. Claim to Priority &			Requirements
	Document(s)	-		
	D. Information Disclo			Report on Patentability
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Date:	*	July 14, 2006		
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Title:		RADIATION DETECTO Katsumi SHIBAYAMA	K	
	tor(s): cation/Patent No.	10/550,688		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Katsumi SHIBAYAMA) Confirmation No.: 4124
Application No.: 10/550,688) Group Art Unit: Unassigned
Filed: September 26, 2005) Examiner: Unassigned
For: PHOTODIODE ARRAY AND PRODUCTION METHOD THEREOF, AND RADIATION DETECTOR))))
Commissioner for Patents U.S. Patent and Trademark Office Customer Window Mail Stop: New Applica Alexandria, VA 22314	tion 🛭 Amendment 🗌 AF 🗌 Issue Fee
Sir:	
INFORMATION DISCLOSE	JRE STATEMENT (IDS)
 Under 37 C.F.R. § 1.97(b): Pursuant to 3 brings to the attention of the Examiner the document the undersigned's knowledge, this IDS is being file Action on the merits, before the mailing date of a file RCE under § 1.114, or within three months of the a Under 37 C.F.R. § 1.97(c): Pursuant to 37 to the attention of the Examiner the documents listed is being filed after the events recited in § 1.97(b) by mailing date of a Final Office Action, a Notice of Approsecution in the application. 	nts listed on the attached PTO Form 1449. To d before the mailing date of a first Office arst Office Action on the merits after filing an application filing date. 7 C.F.R. §§ 1.56 and 1.97(c), Applicant brings and on the attached PTO Form 1449. This IDS at, to the undersigned's knowledge, before the
The fee of \$180.00 set forth in § 1.1	7(p) is included herein; or
	information contained in this IDS was first oreign patent office in a counterpart foreign the prior to the filing of this IDS.
Under 37 C.F.R. § 1.97(d): Pursuant to 37 brings to the attention of the Examiner the document This IDS is being filed after the events recited in §	nts listed on the attached PTO Form 1449.
The fee of \$180.00 set forth in § 1.17	7(p) is included herein; and

Attorney Docket No.: 46884-5428

		Applicant submits that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
	attention g filed a	37 C.F.R. § 1.97(i): Pursuant to 37 C.F.R. §§ 1.56 and 1.97(i), Applicant brings a of the Examiner the documents listed on the attached PTO Form 1449. This IDS after the events recited in § 1.97(d). Applicant requests that the IDS be placed in
Exami	ation da ner's co	ch report or other listing of documents from a counterpart, related, or other ted <u>June 22, 2004</u> and having documents cited thereon is attached for the nsideration. Any of these documents not previously cited, and any additional listed on the PTO Form 1449.
	ce that o	ant respectfully requests that the Examiner consider the listed documents and consideration by making appropriate notations on the attached form. As for any d on the accompanying PTO-1449 that is in a language other than English,

from mention in the specification or in a search report for a corresponding application. This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

relevance can be understood from an enclosed English abstract or at least partial translation or

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

DRINKER, BIDDLE & REATH LLP

Dated: July 14, 2006

Peter J. Sistare

Registration No. 48,183

CUSTOMER NO. 055694 DRINKER, BIDDLE & REATH LLP

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INFORMATION DISCLOSURE CITATION							10/550,688		
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